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| L Number | Hits   | Search Text  | DB                 | Time stamp       |
|----------|--------|--|--------------------|------------------|
|          | 8814   | \$8diketone\$1   | USPAT;<br>US-PGPUB | 2003/07/28 14:38 |
|          | 67148  | \$diamine\$1   | USPAT;<br>US-PGPUB | 2003/07/28 15:54 |
|          | 25376  | \$triamine\$1  | USPAT;<br>US-PGPUB | 2003/07/28 11:18 |
|          | 8930   | \$DIAMINE\$1 (DIETHYL-1-3-PROPANEDIAMINE)  | USPAT;<br>US-PGPUB | 2003/07/28 11:19 |
| -        | 52213  | \$DIAMINE\$1 (NN-TETRAMETHYL-18-NAPHTHALENEDIAMINE)  | USPAT;<br>US-PGPUB | 2003/07/28 11:20 |
| -        | 19693  | \$DIAMINE\$1 (DEHYDROALBIETYLETHYLENEDIAMINE)  | USPAT;<br>US-PGPUB | 2003/07/28 11:21 |
| -        | 30146  | \$DIAMINE\$1 (FORMALDEHYDE-DICYANDIAMIDE-ETHYLENEDIAMINE)  | USPAT;<br>US-PGPUB | 2003/07/28 11:21 |
| -        | 11197  | \$DIAMINE\$1 (N-ETHYL-N-MESYLAMINOETHYL-PARAPHENYLENEDIAMINE)  | USPAT;<br>US-PGPUB | 2003/07/28 11:22 |
| -        | 14107  | \$DIAMINE\$1 (3-NITRO-5-ISOPROPOXYBENZOYL-56-DICHLORO-O-PHENYLENEDIAMINE)  | USPAT;<br>US-PGPUB | 2003/07/28 11:22 |
| -        | 12826  | \$DIAMINE\$1 (PHENYL-4-NITRO-6-TRIFLUOROMETHYL-13-PHENYLENEDIAMINE)  | USPAT;<br>US-PGPUB | 2003/07/28 11:23 |
| -        | 6002   | \$DIAMINE\$1 (NNNN-TETRAETHYL-14-CYCLOHEXYLENEDIAMINE)   | USPAT;<br>US-PGPUB | 2003/07/28 11:24 |
| -        | 7489   | \$DIAMINE\$1 (POLYETHYLENEGLYCOLDIAMINE)   | USPAT;<br>US-PGPUB | 2003/07/28 11:25 |
| -        | 7240   | \$DIAMINE\$1 (PEG-ALPHA.OMEGA-DIAMINE)   | USPAT;<br>US-PGPUB | 2003/07/28 11:25 |
| -        | 3763   | \$DIAMINE\$1 (TETRAGLYCIDYL-49-DIOXADODECANE-112-DIAMINE)  | USPAT;<br>US-PGPUB | 2003/07/28 11:26 |
| -        | 31231  | \$DIAMINE\$1 (TETRAPHENYL- [22-DIMETHYL-11-BIPHENYL] -44-DIAMINE)  | USPAT;<br>US-PGPUB | 2003/07/28 11:26 |
| -        | 103811 | (\$DIAMINE\$1 (DIETHYL-1-3-PROPANEDIAMINE))<br>(\$DIAMINE\$1 (NN-TETRAMETHYL-18-NAPHTHALENEDIAMINE))<br>(\$DIAMINE\$1 (DEHYDROALBIETYLETHYLENEDIAMINE))<br>(\$DIAMINE\$1 (FORMALDEHYDE-DICYANDIAMIDE-ETHYLENEDIAMINE))<br>(\$DIAMINE\$1 (N-ETHYL-N-MESYLAMINOETHYL-PARAPHENYLENEDIAMINE))<br>(\$DIAMINE\$1 (3-NITRO-5-ISOPROPOXYBENZOYL-56-DICHLORO-O-PHENYLENEDIAMINE))<br>(\$DIAMINE\$1 (PHENYL-4-NITRO-6-TRIFLUOROMETHYL-13-PHENYLENEDIAMINE))<br>(\$DIAMINE\$1 (NNNN-TETRAETHYL-14-CYCLOHEXYLENEDIAMINE))<br>(\$DIAMINE\$1 (POLYETHYLENEGLYCOLDIAMINE))<br>(\$DIAMINE\$1 (PEG-ALPHA.OMEGA-DIAMINE))<br>(\$DIAMINE\$1 (TETRAGLYCIDYL-49-DIOXADODECANE-112-DIAMINE))<br>(\$DIAMINE\$1 (TETRAPHENYL- [22-DIMETHYL-11-BIPHENYL] -44-DIAMINE))  | USPAT;<br>US-PGPUB | 2003/07/28 11:27 |
| -        | 103821 | (\$DIAMINE\$1 (DIETHYL-1-3-PROPANEDIAMINE))<br>(\$DIAMINE\$1 (NN-TETRAMETHYL-18-NAPHTHALENEDIAMINE))<br>(\$DIAMINE\$1 (DEHYDROALBIETYLETHYLENEDIAMINE))<br>(\$DIAMINE\$1 (FORMALDEHYDE-DICYANDIAMIDE-ETHYLENEDIAMINE))<br>(\$DIAMINE\$1 (N-ETHYL-N-MESYLAMINOETHYL-PARAPHENYLENEDIAMINE))<br>(\$DIAMINE\$1 (3-NITRO-5-ISOPROPOXYBENZOYL-56-DICHLORO-O-PHENYLENEDIAMINE))<br>(\$DIAMINE\$1 (PHENYL-4-NITRO-6-TRIFLUOROMETHYL-13-PHENYLENEDIAMINE))<br>(\$DIAMINE\$1 (NNNN-TETRAETHYL-14-CYCLOHEXYLENEDIAMINE))<br>(\$DIAMINE\$1 (POLYETHYLENEGLYCOLDIAMINE))<br>(\$DIAMINE\$1 (PEG-ALPHA.OMEGA-DIAMINE))<br>(\$DIAMINE\$1 (TETRAGLYCIDYL-49-DIOXADODECANE-112-DIAMINE))<br>(\$DIAMINE\$1 (TETRAPHENYL- [22-DIMETHYL-11-BIPHENYL] -44-DIAMINE))<br>tedeta dheda dbeta dbeta thteta) or<br>(((\$DIAMINE\$1 (DIETHYL-1-3-PROPANEDIAMINE))<br>(\$DIAMINE\$1 (NN-TETRAMETHYL-18-NAPHTHALENEDIAMINE]))<br>(\$DIAMINE\$1 (DEHYDROALBIETYLETHYLENEDIAMINE))<br>(\$DIAMINE\$1 (FORMALDEHYDE-DICYANDIAMIDE-ETHYLENEDIAMINE))<br>(\$DIAMINE\$1 (N-ETHYL-N-MESYLAMINOETHYL-PARAPHENYLENEDIAMINE))<br>(\$DIAMINE\$1 (3-NITRO-5-ISOPROPOXYBENZOYL-56-DICHLORO-O-PHENYLENEDIAMINE))<br>(\$DIAMINE\$1 (PHENYL-4-NITRO-6-TRIFLUOROMETHYL-13-PHENYLENEDIAMINE))<br>(\$DIAMINE\$1 (NNNN-TETRAETHYL-14-CYCLOHEXYLENEDIAMINE))<br>(\$DIAMINE\$1 (POLYETHYLENEGLYCOLDIAMINE))<br>(\$DIAMINE\$1 (PEG-ALPHA.OMEGA-DIAMINE))<br>(\$DIAMINE\$1 (TETRAGLYCIDYL-49-DIOXADODECANE-112-DIAMINE))<br>(\$DIAMINE\$1 (TETRAPHENYL- [22-DIMETHYL-11-BIPHENYL] -44-DIAMINE))<br>thteta) or<br>(((\$DIAMINE\$1 (DIETHYL-1-3-PROPANEDIAMINE))<br>(\$DIAMINE\$1 (NN-TETRAMETHYL-18-NAPHTHALENEDIAMINE]))<br>(\$DIAMINE\$1 (DEHYDROALBIETYLETHYLENEDIAMINE))<br>(\$DIAMINE\$1 (FORMALDEHYDE-DICYANDIAMIDE-ETHYLENEDIAMINE))<br>(\$DIAMINE\$1 (N-ETHYL-N-MESYLAMINOETHYL-PARAPHENYLENEDIAMINE))<br>(\$DIAMINE\$1 (3-NITRO-5-ISOPROPOXYBENZOYL-56-DICHLORO-O-PHENYLENEDIAMINE))<br>(\$DIAMINE\$1 (PHENYL-4-NITRO-6-TRIFLUOROMETHYL-13-PHENYLENEDIAMINE))<br>(\$DIAMINE\$1 (NNNN-TETRAETHYL-14-CYCLOHEXYLENEDIAMINE))<br>(\$DIAMINE\$1 (POLYETHYLENEGLYCOLDIAMINE))<br>(\$DIAMINE\$1 (PEG-ALPHA.OMEGA-DIAMINE))<br>(\$DIAMINE\$1 (TETRAGLYCIDYL-49-DIOXADODECANE-112-DIAMINE))<br>(\$DIAMINE\$1 (TETRAPHENYL- [22-DIMETHYL-11-BIPHENYL] -44-DIAMINE)) | USPAT;<br>US-PGPUB | 2003/07/28 14:17 |
| -        | 2845   | (\$DIAMINE\$1 (DIETHYL-1-3-PROPANEDIAMINE))<br>(\$DIAMINE\$1 (NN-TETRAMETHYL-18-NAPHTHALENEDIAMINE))<br>(\$DIAMINE\$1 (DEHYDROALBIETYLETHYLENEDIAMINE))<br>(\$DIAMINE\$1 (FORMALDEHYDE-DICYANDIAMIDE-ETHYLENEDIAMINE))<br>(\$DIAMINE\$1 (N-ETHYL-N-MESYLAMINOETHYL-PARAPHENYLENEDIAMINE))<br>(\$DIAMINE\$1 (3-NITRO-5-ISOPROPOXYBENZOYL-56-DICHLORO-O-PHENYLENEDIAMINE))<br>(\$DIAMINE\$1 (PHENYL-4-NITRO-6-TRIFLUOROMETHYL-13-PHENYLENEDIAMINE))<br>(\$DIAMINE\$1 (NNNN-TETRAETHYL-14-CYCLOHEXYLENEDIAMINE))<br>(\$DIAMINE\$1 (POLYETHYLENEGLYCOLDIAMINE))<br>(\$DIAMINE\$1 (PEG-ALPHA.OMEGA-DIAMINE))<br>(\$DIAMINE\$1 (TETRAGLYCIDYL-49-DIOXADODECANE-112-DIAMINE))<br>(\$DIAMINE\$1 (TETRAPHENYL- [22-DIMETHYL-11-BIPHENYL] -44-DIAMINE))<br>thteta) or<br>(((\$DIAMINE\$1 (DIETHYL-1-3-PROPANEDIAMINE))<br>(\$DIAMINE\$1 (NN-TETRAMETHYL-18-NAPHTHALENEDIAMINE]))<br>(\$DIAMINE\$1 (DEHYDROALBIETYLETHYLENEDIAMINE))<br>(\$DIAMINE\$1 (FORMALDEHYDE-DICYANDIAMIDE-ETHYLENEDIAMINE))<br>(\$DIAMINE\$1 (N-ETHYL-N-MESYLAMINOETHYL-PARAPHENYLENEDIAMINE))<br>(\$DIAMINE\$1 (3-NITRO-5-ISOPROPOXYBENZOYL-56-DICHLORO-O-PHENYLENEDIAMINE))<br>(\$DIAMINE\$1 (PHENYL-4-NITRO-6-TRIFLUOROMETHYL-13-PHENYLENEDIAMINE))<br>(\$DIAMINE\$1 (NNNN-TETRAETHYL-14-CYCLOHEXYLENEDIAMINE))<br>(\$DIAMINE\$1 (POLYETHYLENEGLYCOLDIAMINE))<br>(\$DIAMINE\$1 (PEG-ALPHA.OMEGA-DIAMINE))<br>(\$DIAMINE\$1 (TETRAGLYCIDYL-49-DIOXADODECANE-112-DIAMINE))<br>(\$DIAMINE\$1 (TETRAPHENYL- [22-DIMETHYL-11-BIPHENYL] -44-DIAMINE))  | USPAT;<br>US-PGPUB | 2003/07/28 14:17 |

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|---|------|--|--------------------|------------------|
| - | 2364 | (\$diketone\$1 and ((thdeta thmdeta tadeta<br>tadmdeta tbdeta tedeta dheda dbeta dbeta<br>thteta) or<br>(((\$DIAMINE\$1 (DIETHYL-1-3-PROPANEDIAMINE))<br>(\$DIAMINE\$1 (NN-TETRAMETHYL-18-NAPHTHALENEDIAMINE)))<br>(<br>\$DIAMINE\$1 (DEHYDROALBIETYLETHYLENEDIAMINE))<br>(\$DIAMINE\$1 (FORMALDEHYDE-DICYANDIAMIDE-ETHYLENEDIAMINE))<br>(\$DIAMINE\$1 (N-ETHYL-N-MESYLAMINOETHYL-PARAPHENYLENEDIAMINE))<br>(\$DIAMINE\$1 (3-NITRO-5-ISOPROPOXYBENZOYL-56-DICHLORO-O-PHENYLENEDIAMINE))<br>(\$DIAMINE\$1 (PHENYL-4-NITRO-6-TRIFLUOROMETHYL-13-PHENYLENEDIAMINE))<br>(\$DIAMINE\$1 (NNNN-TETRAETHYL-14-CYCLOHEXYLENEDIAMINE))<br>(\$DIAMINE\$1 (POLYETHYLENEGLYCOLDIAMINE)) (   | USPAT;<br>US-PGPUB | 2003/07/28 14:18 |
| - | 624  | (\$DIAMINE\$1 (TETRAGLYCIDYL-49-DIOXADODECANE-112-DIAMINE))<br>(\$DIAMINE\$1 (TETRAPHENYL- [22-DIMETHYL-11-BIPHENYL] -44-DIAMINE))<br>and adduct<br>(\$DIAMINE\$1 (DIETHYL-1-3-PROPANEDIAMINE))<br>(\$DIAMINE\$1 (NN-TETRAMETHYL-18-NAPHTHALENEDIAMINE)))<br>(<br>\$DIAMINE\$1 (DEHYDROALBIETYLETHYLENEDIAMINE))<br>(\$DIAMINE\$1 (FORMALDEHYDE-DICYANDIAMIDE-ETHYLENEDIAMINE))<br>(\$DIAMINE\$1 (N-ETHYL-N-MESYLAMINOETHYL-PARAPHENYLENEDIAMINE))<br>(\$DIAMINE\$1 (3-NITRO-5-ISOPROPOXYBENZOYL-56-DICHLORO-O-PHENYLENEDIAMINE))<br>(\$DIAMINE\$1 (PHENYL-4-NITRO-6-TRIFLUOROMETHYL-13-PHENYLENEDIAMINE))<br>(\$DIAMINE\$1 (NNNN-TETRAETHYL-14-CYCLOHEXYLENEDIAMINE))<br>(\$DIAMINE\$1 (POLYETHYLENEGLYCOLDIAMINE)) ( | USPAT;<br>US-PGPUB | 2003/07/28 11:29 |
| - | 567  | (\$DIAMINE\$1 (TETRAGLYCIDYL-49-DIOXADODECANE-112-DIAMINE))<br>(\$DIAMINE\$1 (TETRAPHENYL- [22-DIMETHYL-11-BIPHENYL] -44-DIAMINE))<br>and adduct<br>(\$DIAMINE\$1 (DIETHYL-1-3-PROPANEDIAMINE))<br>(\$DIAMINE\$1 (NN-TETRAMETHYL-18-NAPHTHALENEDIAMINE)))<br>(<br>\$DIAMINE\$1 (DEHYDROALBIETYLETHYLENEDIAMINE))<br>(\$DIAMINE\$1 (FORMALDEHYDE-DICYANDIAMIDE-ETHYLENEDIAMINE))<br>(\$DIAMINE\$1 (N-ETHYL-N-MESYLAMINOETHYL-PARAPHENYLENEDIAMINE))<br>(\$DIAMINE\$1 (3-NITRO-5-ISOPROPOXYBENZOYL-56-DICHLORO-O-PHENYLENEDIAMINE))<br>(\$DIAMINE\$1 (PHENYL-4-NITRO-6-TRIFLUOROMETHYL-13-PHENYLENEDIAMINE))<br>(\$DIAMINE\$1 (NNNN-TETRAETHYL-14-CYCLOHEXYLENEDIAMINE))<br>(\$DIAMINE\$1 (POLYETHYLENEGLYCOLDIAMINE)) ( | USPAT;<br>US-PGPUB | 2003/07/28 11:29 |
| - | 4    | (\$DIAMINE\$1 (NNNN-TETRAETHYL-14-CYCLOHEXYLENEDIAMINE))<br>(\$DIAMINE\$1 (PEG-ALPHA.OMEGA-DIAMINE)) (   | US-PGPUB           | 2003/07/28 12:27 |

(\$DIAMINE\$1 (TETRAGLYCIDYL-49-DIOXADODECANE-112-DIAMINE))  
(\$DIAMINE\$1 (TETRAPHENYL- [22-DIMETHYL-11-BIPHENYL] -44-DIAMINE))  
and adduct)

|   |       |   |                    |                  |
|---|-------|---|--------------------|------------------|
| - | 5558  | ((thdeta thmdeta tadeta tadmata tbdeta tedeta dheda dbeta dbeta thteta) or (((\$DIAMINE\$1 (DIETHYL-1-3-PROPANEDIAMINE)) (\$DIAMINE\$1 (NN-TETRAMETHYL-18-NAPHTHALENEDIAMINE))) (\$DIAMINE\$1 (DEHYDROALBIETYLETHYLENEDIAMINE)) (\$DIAMINE\$1 (FORMALDEHYDE-DICYANDIAMIDE-ETHYLENEDIAMINE)) (\$DIAMINE\$1 (N-ETHYL-N-MESYLAMINOETHYL-PARAPHENYLENEDIAMINE)) (\$DIAMINE\$1 (3-NITRO-5-ISOPROPOXYBENZOYL-56-DICHLORO-O-PHENYLENEDIAMINE)) (\$DIAMINE\$1 (PHENYL-4-NITRO-6-TRIFLUOROMETHYL-13-PHENYLENEDIAMINE)) (\$DIAMINE\$1 (NNNN-TETRAETHYL-14-CYCLOHEXYLENEDIAMINE)) (\$DIAMINE\$1 (POLYETHYLENEGLYCOLDIAMINE)) (\$DIAMINE\$1 (PEG-ALPHA.OMEGA-DIAMINE)) (\$DIAMINE\$1 (TETRAGLYCIDYL-49-DIOXADODECANE-112-DIAMINE)))   | USPAT;<br>US-PGPUB | 2003/07/28 15:57 |
| - | 315   | (\$DIAMINE\$1 (TETRAPHENYL-22-DIMETHYL-11-BIPHENYL-4-DIAMINE)) same (adduct or ligand)) dheda dbeta dbeta thteta) or (((\$DIAMINE\$1 (DIETHYL-1-3-PROPANEDIAMINE)) (\$DIAMINE\$1 (NN-TETRAMETHYL-18-NAPHTHALENEDIAMINE))) (\$DIAMINE\$1 (DEHYDROALBIETYLETHYLENEDIAMINE)) (\$DIAMINE\$1 (FORMALDEHYDE-DICYANDIAMIDE-ETHYLENEDIAMINE)) (\$DIAMINE\$1 (N-ETHYL-N-MESYLAMINOETHYL-PARAPHENYLENEDIAMINE)) (\$DIAMINE\$1 (3-NITRO-5-ISOPROPOXYBENZOYL-56-DICHLORO-O-PHENYLENEDIAMINE)) (\$DIAMINE\$1 (PHENYL-4-NITRO-6-TRIFLUOROMETHYL-13-PHENYLENEDIAMINE)) (\$DIAMINE\$1 (NNNN-TETRAETHYL-14-CYCLOHEXYLENEDIAMINE)) (\$DIAMINE\$1 (POLYETHYLENEGLYCOLDIAMINE)) (\$DIAMINE\$1 (PEG-ALPHA.OMEGA-DIAMINE)) (\$DIAMINE\$1 (TETRAGLYCIDYL-49-DIOXADODECANE-112-DIAMINE))) | USPAT;<br>US-PGPUB | 2003/07/28 14:17 |
| - | 263   | (\$DIAMINE\$1 (TETRAPHENYL-22-DIMETHYL-11-BIPHENYL-4-DIAMINE)) same (adduct or ligand)) dheda dbeta dbeta thteta) or (((\$DIAMINE\$1 (DIETHYL-1-3-PROPANEDIAMINE)) (\$DIAMINE\$1 (NN-TETRAMETHYL-18-NAPHTHALENEDIAMINE))) (\$DIAMINE\$1 (DEHYDROALBIETYLETHYLENEDIAMINE)) (\$DIAMINE\$1 (FORMALDEHYDE-DICYANDIAMIDE-ETHYLENEDIAMINE)) (\$DIAMINE\$1 (N-ETHYL-N-MESYLAMINOETHYL-PARAPHENYLENEDIAMINE)) (\$DIAMINE\$1 (3-NITRO-5-ISOPROPOXYBENZOYL-56-DICHLORO-O-PHENYLENEDIAMINE)) (\$DIAMINE\$1 (PHENYL-4-NITRO-6-TRIFLUOROMETHYL-13-PHENYLENEDIAMINE)) (\$DIAMINE\$1 (NNNN-TETRAETHYL-14-CYCLOHEXYLENEDIAMINE)) (\$DIAMINE\$1 (POLYETHYLENEGLYCOLDIAMINE)) (\$DIAMINE\$1 (PEG-ALPHA.OMEGA-DIAMINE)) (\$DIAMINE\$1 (TETRAGLYCIDYL-49-DIOXADODECANE-112-DIAMINE))) | USPAT;<br>US-PGPUB | 2003/07/28 15:57 |
| - | 9900  | (\$DIAMINE\$1 (TETRAPHENYL-22-DIMETHYL-11-BIPHENYL-4-DIAMINE)) same (adduct or ligand)) and ((alkaline adj  | USPAT;<br>US-PGPUB | 2003/07/30 09:00 |
| - | 54976 | \$ethylenediamine\$1 or barium or magnesium or calcium or Sr! or Ba! OR MG! OR ca!)   | USPAT;<br>US-PGPUB | 2003/07/30 09:46 |
| - | 15049 | \$ethylenetriamine\$1   | USPAT;<br>US-PGPUB | 2003/07/28 15:55 |
| - | 15390 | \$ETHYLENEDIAMINE\$1 (5-METHYINONAMETHYLENEDIAMINE)   | USPAT;<br>US-PGPUB | 2003/07/30 09:47 |
| - | 1975  | \$ETHYLENEDIAMINE\$1 (NNNN-TETRA-ACETYL-ETHYLENEDIAMINE)  | USPAT;<br>US-PGPUB | 2003/07/28 15:56 |
| - | 66174 | \$ethylenediamine\$1 \$ethylenetriamine\$1 (\$ETHYLENEDIAMINE\$1 (5-METHYINONAMETHYLENEDIAMINE)) (\$ETHYLENEDIAMINE\$1 (NNNN-TETRA-ACETYL-ETHYLENEDIAMINE))   | USPAT;<br>US-PGPUB | 2003/07/28 15:56 |
| - | 2151  | \$8diketon\$5 and (\$ethylenediamine\$1 \$ethylenetriamine\$1 (\$ETHYLENEDIAMINE\$1 (5-METHYINONAMETHYLENEDIAMINE))   | USPAT;<br>US-PGPUB | 2003/07/28 15:57 |
| - | 4069  | (\$ETHYLENEDIAMINE\$1 (NNNN-TETRA-ACETYL-ETHYLENEDIAMINE)) (\$ETHYLENEDIAMINE\$1 (5-METHYINONAMETHYLENEDIAMINE)) (\$ETHYLENEDIAMINE\$1 (NNNN-TETRA-ACETYL-ETHYLENEDIAMINE)) same (adduct or ligand)   | USPAT;<br>US-PGPUB | 2003/07/28 15:57 |
| - | 277   | \$8diketon\$5 and ((\$ethylenediamine\$1 \$ethylenetriamine\$1 (\$ETHYLENEDIAMINE\$1 (5-METHYINONAMETHYLENEDIAMINE)) (\$ETHYLENEDIAMINE\$1 (NNNN-TETRA-ACETYL-ETHYLENEDIAMINE))) same (adduct or ligand))   | USPAT;<br>US-PGPUB | 2003/07/28 15:57 |

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| - | 228   | (\$8diketon\$5 and ((\$ethylenediamine\$1<br>\$ethylenetriamine\$1<br>(\$ETHYLENEDIAMINE\$1(5-METHYINONAMETHYLENEDIAMINE))<br>(\$ETHYLENEDIAMINE\$1(NNNN-TETRA-ACETYL-ETHYLENEDIAMINE)))<br>same (adduct or ligand))) and ((alkaline adj<br>earth) or strontium or barium or magnesium<br>or calcium or Sr! or Ba! OR MG! OR ca!))  | USPAT;<br>US-PGPUB | 2003/07/30 12:17 |
| - | 48    | (((\$8diketon\$5 and ((\$ethylenediamine\$1<br>\$ethylenetriamine\$1<br>(\$ETHYLENEDIAMINE\$1(5-METHYINONAMETHYLENEDIAMINE))<br>(\$ETHYLENEDIAMINE\$1(NNNN-TETRA-ACETYL-ETHYLENEDIAMINE)))<br>same (adduct or ligand))) and ((alkaline adj<br>earth) or strontium or barium or magnesium<br>or calcium or Sr! or Ba! OR MG! OR ca!)) not<br>(((\$8diketon\$1 and ((thdeta thdmtdeta tadeta<br>tadmdeta tbdeta tedeta dheda dbeta dbedeta<br>thteta) or<br>(((\$DIAMINE\$1(DIETHYL-1-3-PROPANEDIAMINE))<br>(\$DIAMINE\$1(NN-TETRAMETHYL-18-NAPHTHALENEDIAMINE)))<br>(<br>\$DIAMINE\$1(DEHYDROALBIETYLETHYLENEDIAMINE))<br>(\$DIAMINE\$1(FORMALDEHYDE-DICYANDIAMIDE-ETHYLENEDIAMINE))<br>(\$DIAMINE\$1(N-ETHYL-N-MESYLAMINOETHYL-PARAPHENYLENEDIAMINE))<br>(\$DIAMINE\$1(3-NITRO-5-ISOPROPOXYBENZOYL-56-DICHLORO-O-PHENYLENEDIAMINE))<br>(\$DIAMINE\$1(PHENYL-4-NITRO-6-TRIFLUOROMETHYL-13-PHENYLENEDIAMINE))<br>(\$DIAMINE\$1(NNNN-TETRAETHYL-14-CYCLOHEXYLENEDIAMINE))<br>(\$DIAMINE\$1(POLYETHYLENEGLYCOLDIAMINE)) ( | USPAT;<br>US-PGPUB | 2003/07/28 15:59 |
| - | 60    | \$HDIAMINE\$1(5-METHYINONAMETHYLENEDIAMINE))  | USPAT;             | 2003/07/30 08:59 |
| - | 9908  | same (adduct or ligand))) and ((alkaline adj<br>earth) or strontium or barium or magnesium<br>or calcium or Sr! or Ba! OR MG! OR ca!))  | USPAT;<br>US-PGPUB | 2003/07/30 09:00 |
| - | 3     | tri\$yldiethylenetriamine   | USPAT;             | 2003/07/30 09:00 |
| - | 198   | tri\$yldiethylenetriamine   | USPAT;<br>US-PGPUB | 2003/07/30 09:02 |
| - | 91    | trihexyldiethylenetriamine<br>dimethyldiethylenetriamine<br>triameyldiethylenetriamine<br>tributyldiethylenetriamine<br>triethyldiethylenetriamine<br>dihexylethylenediamine<br>dibutylethylenediamine  | USPAT;<br>US-PGPUB | 2003/07/30 14:30 |
| - | 31    | (((\$8diketon\$5 and ((\$ethylenediamine\$1<br>\$ethylenetriamine\$1<br>(\$ETHYLENEDIAMINE\$1(5-METHYINONAMETHYLENEDIAMINE))<br>(\$ETHYLENEDIAMINE\$1(NNNN-TETRA-ACETYL-ETHYLENEDIAMINE)))<br>same (adduct or ligand))) and ((alkaline adj<br>earth) or strontium or barium or magnesium<br>or calcium or Sr! or Ba! OR MG! OR ca!)) and  | USPAT;<br>US-PGPUB | 2003/07/30 09:46 |
| - | 55035 | \$ethylenediamine\$1  | USPAT;<br>US-PGPUB | 2003/07/30 09:46 |
| - | 31    | (((\$8diketon\$5 and ((\$ethylenediamine\$1<br>\$ethylenetriamine\$1<br>(\$ETHYLENEDIAMINE\$1(5-METHYINONAMETHYLENEDIAMINE))<br>(\$ETHYLENEDIAMINE\$1(NNNN-TETRA-ACETYL-ETHYLENEDIAMINE)))<br>same (adduct or ligand))) and ((alkaline adj<br>earth) or strontium or barium or magnesium<br>or calcium or Sr! or Ba! OR MG! OR ca!)) and  | USPAT;<br>US-PGPUB | 2003/07/30 09:47 |
| - | 15405 | \$ethylenediamine\$1(5-METHYINONAMETHYLENEDIAMINE))   | USPAT;<br>US-PGPUB | 2003/07/30 09:47 |
| - | 31    | (((\$8diketon\$5 and ((\$ethylenediamine\$1<br>\$ethylenetriamine\$1<br>(\$ETHYLENEDIAMINE\$1(5-METHYINONAMETHYLENEDIAMINE))<br>(\$ETHYLENEDIAMINE\$1(NNNN-TETRA-ACETYL-ETHYLENEDIAMINE)))<br>same (adduct or ligand))) and ((alkaline adj<br>earth) or strontium or barium or magnesium<br>or calcium or Sr! or Ba! OR MG! OR ca!)) and  | USPAT;<br>US-PGPUB | 2003/07/30 12:10 |
| - | 1     | (\$6\$al\$2\$2\$) or Sr! or Ba! OR MG! OR ca!)) and<br>(sol or solgel)  | USPAT;<br>US-PGPUB | 2003/07/30 12:17 |
| - | 44    | ((amine or polyamine) same adduct) and<br>\$8diketon\$5 and (sol or solgel)   | USPAT;<br>US-PGPUB | 2003/07/30 15:37 |

|   |    |  |                    |                  |
|---|----|--|--------------------|------------------|
| - | 16 | ((amine or polyamine) same adduct) and \$8diketon\$5 and ((sol or solgel) same precursor)  | USPAT;<br>US-PGPUB | 2003/07/30 14:33 |
| - | 28 | ((amine or polyamine) same adduct) and \$8diketon\$5 and (sol or solgel)) not ((amine or polyamine) same adduct) and \$8diketon\$5 and ((sol or solgel) same precursor)) | USPAT;<br>US-PGPUB | 2003/07/30 16:23 |
| - | 13 | ((amine or polyamine) same adduct) and \$8diketon\$5 and (sol or solgel)) and (spin adj coat\$)  | USPAT;<br>US-PGPUB | 2003/07/30 15:38 |
| - | 3  | ("5389401") or ("6180190") or ("6258157")).PN.   | USPAT;<br>US-PGPUB | 2003/07/30 16:25 |